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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAY 04 2004
PATENT & TRADEMARK OFFICE

In re application of:

Applicants : Constantine J. Tsikos et al.
Serial No. : 09/990,585
Filing Date : November 21, 2001
Title of Invention : HAND-SUPPORTABLE PLANAR LASER ILLUMINATION
AND IMAGING (PLIIM) DEVICES EMPLOYING LINEAR
ELECTRONIC IMAGE DETECTION ARRAYS AND...
Examiner : Thien Le
Group Art Unit : 2876
Attorney Docket No. : 108-151USA000

Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

AMENDMENT

Sir:

Please amend the above-referenced Patent Application as follows:

AMENDMENT TO THE SPECIFICATION:

✓
Please amend the Specification as follows:

On Page 110, amend the seventh paragraph as follows:

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Figs. ~~18A and 18B~~ 18A, 18B-1 and 18B2, taken together, set forth a real-time camera control process that is carried out within the camera control computer employed within the PLIIM-based systems of Fig. 11, wherein the camera control computer automatically processes the received time-stamped data sets and generates real-time camera control signals that drive the focus and zoom lens group translators within a high-speed auto-focus/auto-zoom digital camera subsystem (i.e. the IFD module) so that the camera subsystem automatically captures digital images having (1) square pixels (i.e. 1:1 aspect ratio) independent of package height or velocity, (2) significantly reduced speckle-noise levels, and (3) constant image resolution measured in dots per inch (DPI) independent of package height or velocity;